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- QUESTIONS PERTINENT TO THIS ISSUE
1. GIVE THE NOVEMBER 1 CORN ESTIMATE FOR NORTH CAROLINA.
  2. WHAT IS THE CURRENTLY ESTIMATED U. S. COTTON PRODUCTION?
  3. HOW MANY MILK COWS WERE ON N. C. FARMS DURING OCTOBER?
  4. COMPARE THE NOVEMBER 1 SOYBEAN ESTIMATE WITH 1950 PRODUCTION.
  5. DID PEANUT PROSPECTS INCREASE OR DECREASE DURING OCTOBER?
  6. DISCUSS OPERATIONS IN THE CHATHAM-WILKES COMMERCIAL BROILER AREAS.
  7. GIVE THE NOVEMBER 1 ESTIMATE OF THE 1951 TOBACCO PRODUCTION.
  8. COMPARE GRAIN SORGHUM PRODUCTION FOR 1950 AND 1951.
  9. DID EGG PRODUCTION INCREASE DURING OCTOBER?
  10. HOW DOES 1951 PROSPECTIVE APPLE PRODUCTION COMPARE WITH 1950?

No. 97

RALEIGH, N. C.

NOVEMBER 15, 1951

## NOVEMBER 1, 1951 GENERAL FARM REPORT

### GENERAL SITUATION

Weather conditions during October were unusually favorable for harvesting fall maturing crops, but seeding of small grains, fall pastures and winter cover crops was delayed by dry soil conditions. Rains since November 1 have improved soil moisture conditions in the State. Although additional rains would be welcomed in most areas moisture supplies should be adequate to permit completing fall seeding operations.

November 1 prospects indicate a 945,530,000 pound flue-cured tobacco crop in North Carolina—a new production record for the State. A corn crop of 73 million bushels—2 million bushels above the October 1 estimate—seemed in sight as growers in many areas found yields turning out better than expected. Harvesting of this crop is about 50 percent completed. The 1951 sweetpotato crop is currently estimated at 3.8 million bushels—44 percent below 1950 production and the smallest crop since 1871. Soybean prospects continued to point to a crop of 4,917,000 bushels, the

(Continued on Page 3)

### PEANUT PROSPECTS UP SLIGHTLY

The production outlook for North Carolina's picked and threshed peanut crop was some higher as of November 1, than a month earlier. Indications currently point to a production of 276,080,000 pounds or about 5,000,000 pounds above the October 1 estimate and 12 percent (30,000,000 pounds) above production in 1950. However, production for this year is short of the 10-year average by about 11 percent or 35,000,000 pounds.

Reports from growers as to yield prospects on November 1 indicate an average yield of 1,160 pounds per acre. This is 20 pounds higher than the yield indicated a month ago and is considerably better than the 1,065 pound harvested per acre in 1950.

Weather conditions during the past month were reasonably favorable to curing of the crops, but in much of the principal producing area weather

(Continued on Page 2)

### RECORD FLUE-CURED TOBACCO CROP

Total flue-cured tobacco production in North Carolina is currently estimated at 945,530,000 pounds. This is seven-tenths of one percent above the October 1 estimate and 10.2 percent or 87,390,000 pounds above total N. C. flue-cured production in 1950. The indicated 1951 crop will set a new production record of flue-cured tobacco in North Carolina. The previous record flue-cured production was set in 1946 when 912,970,000 pounds were produced on 802,000 acres. The record flue-cured acreage was harvested in 1939 with 843,000 acres.

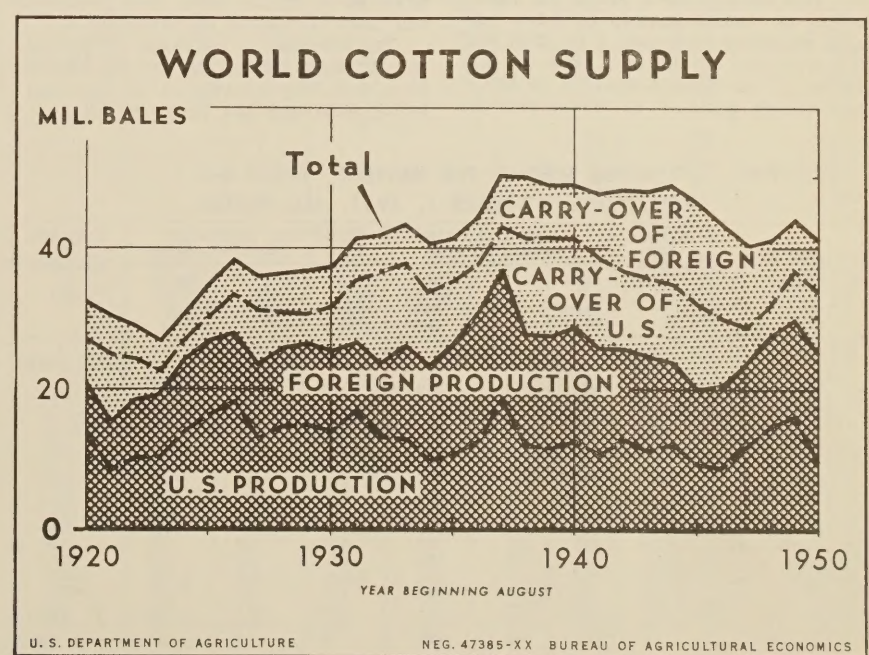
The November 1 estimated North Carolina flue-cured yield per acre is 1,341 pounds last year and the pounds last year and the 1940-49 average yield of 1,091 pounds. The increase of 14.2 percent in acreage harvested in 1951 is responsible for

(Continued on Page 4)

### CORN PROSPECTS INCREASE

Corn production in North Carolina as of November 1 is forecast at slightly over 73 million bushels or about 2 million bushels more than the estimate of a month earlier. With harvest well underway, growers in many areas of the State are finding yields to be higher than earlier expectations. This year's production as currently estimated compares with nearly 82 million bushels produced last year and the 1940-49 average of about 58 million bushels. This year's yield now set at 34 bushels per acre, is 3 bushels below the record average established in 1950 but considerably above the 10-year average of 25.6 bushels.

National production is presently estimated at 3.1 billion bushels which is about the same as last year and the 10-year average.





## SORGHUM GRAIN YIELD UP

With practically all grain sorghum harvested, yield per acre is currently estimated at 30 bushels per acre from 40,000 acres for a total production of 1,200,000 bushels.

Total acreage has increased almost 38 percent or 11,000 acres over last year. A large portion of the total grain sorghum acreage is in southern piedmont counties.

## COTTON ESTIMATE DOWN

Based upon information from growers and ginneries as of November 1, the 1951 cotton crop is now forecast at 600,000 bales (500-pound gross weight). This is a decline from the October 1 estimate but is still 419,000 bales above production last year and 21,000 bales above the 10-year average production.

Ideal weather continued throughout October and on November 1 harvesting of the cotton crop was well advanced in all areas. The quality of the crop is considerably above average. The United States Bureau of the Census reports 417,000 running bales ginned to November 1.

Yield is estimated at 377 pounds of lint per acre on 763,000 acres to be harvested this year. Such a yield is 226 pounds above the low yield of 1950 and 8 pounds above the 10-year average yield.

The U. S. Cotton crop is now estimated at 15,771,000 bales, compared with 10,012,000 last year and the 10-year average of 12,030,000. Production prospects declined in all major cotton producing states except Missouri, Arizona and California. Yield for the Nation as a whole is estimated at 265.2 pounds of lint per acre compared with 269.2 in 1950 and the average of 265.9. The U. S. Bureau of the Census reports 10,022,000 bales ginned to November 1.

## COTTON: ESTIMATED ACREAGE FOR HARVEST, YIELD AND PRODUCTION, NOVEMBER 1, 1951, ALL STATES

STATE	ACREAGE FOR HARVEST 1951 (PRELIM.)	LINT YIELD PER HARVESTED ACRE			PRODUCTION (GINNINGS) 500-LB. GROSS WT. BALES			GINNINGS TO NOVEMBER 1, 1951
		AVER-AGE 1940-1949	1950 CROP	INDI-CATED 1951 CROP	AVER-AGE 1940-1949	1950 CROP	INDI-CATED 1951 CROP	
	(000)	- POUNDS -			- (000) BALES -			(000) BALES
N. CAROLINA.....	763	369	151	377	579	181	600	417
MISSOURI.....	493	425	285	321	375	254	330	197
VIRGINIA.....	22	389	120	393	24	4	18	8
S. CAROLINA.....	1,163	308	224	359	707	405	870	748
GEORGIA.....	1,452	238	227	311	738	488	940	837
FLORIDA.....	68	170	208	226	14	13	32	18
TENNESSEE.....	813	384	318	325	559	409	550	368
ALABAMA.....	1,566	276	212	298	919	576	940	834
MISSISSIPPI.....	2,533	326	314	313	1,644	1,332	1,650	1,382
ARKANSAS.....	2,251	343	313	288	1,414	1,090	1,350	840
LOUISIANA.....	986	267	281	375	527	426	770	668
OKLAHOMA.....	1,600	173	145	150	511	242	500	224
TEXAS.....	12,600	181	211	164	3,049	2,946	4,300	2,521
NEW MEXICO.....	330	488	526	422	151	187	230	111
ARIZONA.....	557	446	825	707	222	474	820	188
CALIFORNIA.....	1,329	598	805	650	584	978	1,800	658
OTHER STATES.....	18	407	246	299	16	7	11	3
UNITED STATES..	28,544	265.9	269.2	265.2	12,030	10,012	15,771	10,022

## EARLY FALL SNAPBEAN PRODUCTION UP IN NORTH CAROLINA

The "Early Fall" snapbean crop grown chiefly in the Currituck-Weeksville areas is currently estimated at 84,000 bushels. This compares with 77,000 bushels produced in 1950 and is 50 percent above the 1940-49 average.

Reports from growers as of November 1 indicate an average yield of 80 bushels per acre from 1,050 acres this year. In 1950, 1,100 acres averaged 70 bushels per acre.

Although dry weather at planting time resulted in some spotty stands, the growing season was almost ideal. Most growers got two pickings and many picked three times. Prices received have been only fair with the bulk of the crop going to canneries.

Production in the "Early Fall" group of states including North Carolina is expected to total 2,111,000 bushels--down 12 percent from last year and slightly below the 10-year average of 2,121,000 bushels. The 18,650 acres of snaps for harvest in the 8 "Early Fall" states compares with 20,100 acres harvested in 1950 and the 1940-49 average of 21,480 acres.

## PEANUT PROSPECTS (Continued)

during the last two weeks of October was cloudy, accompanied by intermittent rains. This resulted in delays in getting picking or threshing operations started. For the production area as a whole very few peanuts had been harvested by November 1.

The November 1 estimate of picked and threshed production for the Nation is 1,637,985 pounds or 19 percent below 1950 and the 10-year average.

## BROILER OPERATIONS CONTINUE DROP

Chicks placed in the Chatham-Wilkes commercial broiler areas during October were 7 percent fewer than placements in September. This is a continuation of the downward trend in total monthly placements in the two areas that began in July of this year. A total of 1,865,000 chicks were placed in the two areas in October compared with 2,012,000 in September and 1,873,000 in October last year. This is the first month since January that placements have fallen below the 1950 level.

Hatcheries serving the two areas reported 2,287,000 eggs placed in incubators during October. This is 8 percent more than the number of eggs set in September, but about 3 percent below October settings in 1950.

The average price received for finished broilers in October at 26 cents per pound was 2 cents below the average price received in September but was about the same as the October price of last year.

## IRISH POTATO OUTLOOK UNCHANGED

Reports from farmers as of November 1 showed no change in Irish potato yields as compared with a month ago. The production estimate for the State's 1951 crop now stands at 7,293,000 bushels. This is nearly 30 percent less than the 1950 production. It is also 21½ short of the 1940-49 average production.

Current indications point to an average yield of 143 bushels per acre, 12 percent less than last year's yield.

The total harvested acreage in North Carolina for this year is estimated at 51,000 acres. This is a decrease of 20 percent from last year and about 36 percent under the 1940-49 average.

## APPLE PRODUCTION BELOW AVERAGE

Production from North Carolina's commercial apple orchards is expected to total about 825,000 bushels this year. This is considerably below last year's large crop of 1,296,000 bushels and slightly below the 10-year average of 893,000 bushels.

Harvesting of apples is virtually complete. Although the quality of this year's crop is fairly good, the size of fruit was reduced materially as a result of dry weather. Side worm infestation became a serious threat in some orchards during the late summer.

The Nation's apple crop of 113 million bushels is 8 percent below last year but almost 4 percent above the 10-year average.



## GENERAL SITUATION (Continued)

second largest crop of record. A sorghum grain crop of 1.2 million bushels is forecast, compared with 870,000 bushels last year. Sorghum grain is a relatively new crop in the State from the standpoint of commercial importance. The acreage has increased from 7,000 in 1947 to an estimated 40,000 acres this year. Practically all of the crop has been harvested.

Peanut prospects improved during October and the November 1 estimate is that a crop of about 276.1 million pounds will be picked and threshed or about 12 percent more than the harvest last year. Cotton prospects declined during the month with the November 1 estimate placing 1951 production at 600,000 bales. Harvesting of the crop is approaching completion in most areas. Harvest of the commercial apple crop estimated at 825,000 bushels is virtually complete.

SWEET POTATO PRODUCTION  
BELOW LAST YEAR

Sweet potato prospects as of November 1 showed some improvement from indications a month earlier. The current estimate of 3,800,000 bushels is 44 percent less than the 1950 crop production of 6,785,000 bushels and about 47 percent below the 1940-49 average production.

The estimated yield per acre of 95 bushels is 20 bushels per acre less than the 1950 yield of 115 bushels per acre and 12 bushels less than the 1940-49 average yield.

## SOYBEAN PROSPECTS UNCHANGED

According to reports from farmers as of November 1, prospects for North Carolina's soybean crop remain unchanged from the previous month. Harvesting of soybeans has started in most areas with yields generally meeting earlier expectations.

An average yield of 16.5 bushels is expected from the 298,000 acres to be harvested for beans giving a total production of 4,917,000 bushels. The average yield for 1950 was 17 bushels per acre on 301,000 acres for a total production of 5,117,000 bushels.

## PECAN CROP LARGER

Total production of pecans in North Carolina this year, both from commercial and farm orchards, is currently estimated at 3,380,000 pounds. This compares with the 1950 crop of slightly over 2 million pounds and the 1940-49 average of 2,625,000 pounds.

Production this year in the U. S. is estimated at about 148 million pounds. This is nearly 18 percent above last year and 19 percent above the 10-year average.

## NORTH CAROLINA AND UNITED STATES, ACREAGE, YIELD AND PRODUCTION OF CROPS 1950 AND INDICATED 1951

CROPS	UNIT	ACREAGE			YIELD			PRODUCTION		
		AVERAGE 1940-49#	HARVESTED 1950	INDICATED 1951	AVERAGE 1940-49	1950	INDICATED 1951	AVERAGE 1940-43	REVISED 1950	INDICATED 1951
		- THOUSAND -			- UNITS -			- THOUSAND -		
NORTH CAROLINA										
CORN, ALL.....	Bu.	2,273	2,215	2,149	25.6	37.0	34.0	57,934	81,955	73,066
WHEAT, ALL.....	Bu.	448	375	405	15.2	14.5	24.0	6,801	5,438	9,720
OATS.....	Bu.	324	402	402	27.6	29.5	37.0	9,021	11,859	14,874
BARLEY.....	Bu.	36	37	36	24.4	24.0	35.0	881	888	1,260
RYE.....	Bu.	33	18	16	11.2	11.5	14.0	362	207	224
SORGHUMS, FOR GRAIN.....	Bu.	-	29	40	-	30.0	30.0	-	870	1,200
TOBACCO, FLUE-CURED.....	Lbs.	631.1	640.0	731.0	1,091	1,341	1,293	688,605	858,140	945,530
TYPE 11.....	Lbs.	246.4	254.0	287.0	1,012	1,300	1,160	252,033	330,200	332,920
TYPE 12.....	Lbs.	310.6	307.0	353.0	1,133	1,380	1,390	353,596	423,660	490,670
TYPE 13.....	Lbs.	74.1	79.0	91.0	1,112	1,320	1,340	82,976	104,280	121,940
TYPE 31.....	Lbs.	9.3	10.5	11.6	1,354	1,700	1,700	12,996	17,850	19,720
COTTON.....	Lbs.	761	596	763	369	151	377	a/ 579	a/ 181	a/ 600
IRISH POTATOES, ALL.....	Bu.	80	64	51	117	162	143	9,295	10,368	7,293
SWEET POTATOES.....	Bu.	68	59	40	107	115	95	7,181	6,785	3,800
SOYBEANS, FOR BEANS.....	Bu.	232	301	298	12.5	17.0	16.5	2,921	5,117	4,917
PEANUTS, PICKED & THRESHED.....	Lbs.	279	231	238	1,122	1,065	1,160	311,000	246,015	276,080
HAY, ALL.....	Tons	1,238	1,140	1,153	1.01	1.09	.98	1,251	1,246	1,127
CLOVER & TIMOTHY.....	Tons	80	98	100	1.16	1.25	1.00	94	122	100
ALFALFA HAY.....	Tons	19	66	62	2.14	2.40	2.15	44	158	133
LESPEDEZA HAY.....	Tons	479	433	455	1.09	1.10	.95	526	476	432
PASTURE, CONDITION.....	%	-	-	-	74	85	66	-	-	-
PEACHES, ALL.....	Bu.	-	-	-	-	-	-	2,158	3,448	3,024
APPLES, COMMERCIAL.....	Bu.	-	-	-	-	-	-	893	1,296	825
PEARS.....	Bu.	-	-	-	-	-	-	266	150	297
GRAPES.....	Tons	-	-	-	-	-	-	5.13	5.5	5.7
PECANS, ALL.....	Lbs.	-	-	-	-	-	-	2,625	2,047	3,360
UNITED STATES										
CORN, ALL.....	Bu.	87,882	83,302	84,575	33.9	37.6	36.5	2,980,777	3,131,009	3,088,092
WHEAT, ALL.....	Bu.	62,624	61,741	62,576	17.1	16.6	15.9	1,071,310	1,026,755	993,598
OATS.....	Bu.	39,460	42,027	37,851	33.2	34.9	36.3	1,311,651	1,465,134	1,372,248
BARLEY.....	Bu.	12,569	11,191	9,793	24.4	26.9	26.0	306,523	301,009	254,409
RYE.....	Bu.	2,446	1,822	1,828	12.2	12.8	13.8	30,173	22,977	25,138
SORGHUMS, ALL.....	Bu.	15,131	15,935	15,303	-	-	-	-	-	185,805
SORGHUMS, FOR GRAIN.....	Bu.	6,737	10,361	8,767	17.5	22.9	18.9	118,772	237,456	2,271,670
TOBACCO, ALL.....	Lbs.	1,612.7	1,603.8	1,785.3	1,100	1,267	1,272	1,787,136	2,032,450	1,418,536
TOBACCO, FLUE-CURED.....	Lbs.	935.9	958.4	1,098.3	1,074	1,312	1,292	1,014,559	1,257,280	a/ 15,771
COTTON.....	Lbs.	22,163	18,613	28,544	265.9	269.2	285.2	a/ 12,030	a/ 10,012	a/ 35,651
IRISH POTATOES, ALL.....	Bu.	2,564.2	1,847.1	1,509.3	164.0	237.9	222.4	410,203	439,500	34,736
SWEET POTATOES.....	Bu.	665.6	562.8	397.9	92.4	104.4	87.4	61,148	58,729	277,590
SOYBEANS, FOR BEANS.....	Bu.	9,348	13,291	13,102	19.0	21.6	21.2	178,567	287,010	1,637,985
PEANUTS, PICKED & THRESHED.....	Lbs.	2,923	2,277	2,255	704	887	726	2,016,962	2,019,295	1,637,985
HAY, ALL.....	Tons	74,845	75,741	76,573	1.36	1.41	1.49	101,644	106,819	113,859
CLOVER & TIMOTHY.....	Tons	15,304	18,308	19,694	2.22	2.24	2.33	33,946	41,029	45,975
ALFALFA.....	Tons	21,912	21,336	21,327	1.37	1.39	1.49	30,098	29,636	31,864
LESPEDEZA.....	Tons	6,352	6,565	6,614	1.07	1.16	1.06	6,839	7,598	7,002
PASTURE, CONDITION.....	%	-	-	-	76	82	79	-	-	-
PEACHES, ALL.....	Bu.	-	-	-	-	-	-	71,150	53,485	69,932
APPLES.....	Bu.	-	-	-	-	-	-	109,033	123,126	113,268
PEARS.....	Bu.	-	-	-	-	-	-	31,008	31,140	32,228
GRAPES.....	Tons	-	-	-	-	-	-	2,797.4	2,707.4	3,199
PECANS, ALL.....	Lbs.	-	-	-	-	-	-	124,066	125,622	147,905

\* Includes Government purchases from unharvested acres in 1948

a/ 500 lb. gross weight bales.



## FARM REPORT

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FARM REPORT

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### FLU-CURED TOBACCO (Continued)

the current record crop since the 1951 indicated yield per acre is 56 pounds less than last year.

Production prospects vary considerably among the different types of flue-cured tobacco. The November 1 Type 11 (Old Belt) yield is estimated at 1,160 pounds or 15 pounds less than the October 1 estimate and 140 pounds per acre less than the average yield last year. Dry weather which extended over most of the planting and growing season is primarily responsible for the reduction of 140 pounds in yield compared to last year. The November 1 estimated Type 11 production is 4,305,000 pounds less than October but 2,720,000 pounds more than production last year.

Type 12 production is currently estimated at 490,670,000 pounds which will set a new record. This is 7,060,000 pounds above the October 1 estimate. If the November 1 estimated production is realized it will result in an average yield per acre of 1,390 which will also be a new record. The previous record yield of 1,380 pounds was set last year. The previous record production of Type 12 was set in 1947 with 466,335,000 pounds harvested from 387,000 acres.

Type 13 production in North Carolina is currently estimated at 121,940,000 pounds for an average per acre yield of 1,340 pounds. The currently estimated Type 13 production and yield will set new records. The previous record production was set in 1946 with 110,400,000 pounds. The previous record yield was set in 1950 with 1,320 pounds.

Estimated burley production at 19,720,000 pounds is 580,000 pounds above a month ago and 1,870,000 pounds above last year. The current estimated burley yield is 1,700 pounds which is the same as the record yield set last year.

### OCTOBER WEATHER SUMMARY

During the first twenty days of October, storms lay off the coast of North Carolina almost continuously. As a result, heavy cloudiness lay over the coastal area for the greater part of what was elsewhere in the State a warm, dry, sunny month. None of the storms came near enough to the shore to cause any destructive winds or tides, but consistent northerly winds prevailed throughout all of the State east of the mountains during all but the last few days of the month.

Following the trend set by previous months of this year, temperatures averaged well above long-time averages for October. This was particularly true in the western half of the State, where abundant sunshine sent daytime temperatures up to summer levels on several days. Even in the cloud-covered coastal areas it remained warm most of the month. The hottest days were the 5th, 6th and 7th, when the mercury climbed well into the nineties over the greater part of the State. In

the central sections, a number of all-time temperature records were broken on these days. The only break in the hot October weather occurred during a cool week centered around the 10th of the month.

Rainfall was below October averages over most of the State. The immediate coastal and a few adjoining counties in the northeast received sufficient rain as a result of the protracted period of offshore storm activity, but this rain penetrated only a short distance inland. A few counties in the southern mountains also had fair rains from local shower activity. The greater part of the State's area, however, had less than two inches of rain during the month, and two large sectors covering the south central Coastal Plain and the southwestern Piedmont had less than an inch. Averaged over the whole State, rainfall during the first ten months of 1951 has been about nine inches below that of an average January-October period.

NORTH CAROLINA - INCHES OF RAINFALL DURING OCTOBER, 1951

